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**[54] PHOTOCATALYST CARRIER AND METHOD FOR DECOMPOSING NOX**

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[51] Int. Cl.<sup>7</sup> B01D05386; B01D05394; B01J02106; B01J03502; B01J03504**[57] ABSTRACT**

**PROBLEM TO BE SOLVED:** To effectively clean air by utilizing anatase type acid TiO<sub>2</sub> having a photocatalytic activity by expanding an exposed surface area of TiO<sub>2</sub> particle of the TiO<sub>2</sub> immobilized material.

**SOLUTION:** In a method for cleaning air with respect to decomposition of NO<sub>x</sub>, air can be effectively cleaned by using a net having the photocatalyst immobilized to expand the exposed surface area of TiO<sub>2</sub>.

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